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## Poultry Science and Fur-Bearing Animals

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### Introduction

There are a number of meetings, some scheduled for early next year, that will be of interest to you. There have been changes in the FAWC leadership, Extension personnel, and legislation; and you may be interested in a change of scenery to Oregon. Several items are included in the material available section, with some material enclosed.

### Personnel Change

Hawaii/Illinois. Effective October 19, 1987, Dr. Ken Koelkebeck moved from the University of Hawaii to the University of Illinois. Ken will be filling the position vacated by Sam Ridlen, and will be responsible for the 4-H effort as well as work with all species of poultry. Ken's new telephone number is (217) 244-0195, and is located in Room 326, Mumford Hall.

### Mailing List Update

It is almost time to update the mailing list, so if you have any suggestions as to how we can improve the listing please contact me. One change that has been suggested is to change column "M", where it will now represent management, rather than marketing. "Marketing" will now be under the remarks section. If you disagree, please let me know.

### College Student Interview Program at Southeastern

"Career Day" for college graduating students will be Thursday and Friday, January 21-22, 1988 in conjunction with the International Poultry Trade show, held in the Congress Center, Atlanta, Georgia. Seniors and graduate students majoring in poultry and animal science, food science, agriculture engineering, veterinary, and business management should sign up to be part of this successful interview program. They should also attend the Trade Show to participate in the informal interactions that often lead to employment. Elanco Products Company is a co-sponsor with Southeastern and join in this invitation to your students to participate. This will be the 20th anniversary of the Southeastern/Elanco youth program.

If you need additional information or have any questions, please contact Jacquelyn Stewart, Southeastern Poultry & Egg Association, 1456 Church Street, Decatur, Georgia 30030, (404)377-6465.

Positions  
Available

(1) Rutgers. Dr. James Wohlt, has requested we assist in the search for an animal scientist having expertise in animal nutrition (ruminant or swine). They will fill a tenure track position at a professorial rank commensurate with the individual's training and experience. The position will include research and teaching responsibilities. The deadline to submit applications is December 1, 1987. For more information, contact: James Wohlt, Chairman Search Committee, Department of Animal Sciences, Bartlett Hall, Cook College, Rutgers, The State University, P. O. Box 231, New Brunswick, New Jersey 08903

(2) Oregon. Reminder! Those interested in the Department Chairman position in the Oregon State University Poultry Science Department need to have their applications submitted by December 1st. This is an excellent opportunity, and personnel at OSU look forward to receiving a number of applications. For more information, contact Harry NaKaue, Chairman Selection and Screening Committee, Department of Poultry Science, Oregon State University, Corvallis, Oregon 97331-3402, (503) 754-2301.

(3) The North Carolina Extension Service has four positions in Poultry Extension. They are as follows:

(A) 4-H and Youth Specialist - One half-time position. Individual in the position may pursue an advanced degree. The individual must hold a B.S. degree in one of the major disciplines related to Poultry Science and have a strong interest in developing and providing leadership for 4-H Youth and Science program. A Master's degree is preferred and a Ph.D. will be considered on a post doctoral basis. The application deadline for this position is January 1, 1988.

(B) Area Specialized Agent, Poultry - Two positions available. Qualifications for Position: Training at the Ph.D. or M.S. level in Poultry Science or closely related field is preferred. A strong interest in developing an Extension educational program for the poultry industry on a local multi-county basis is required.

Roles and Responsibilities: An Area Specialized Agent in poultry would be a member of the field faculty of North Carolina State University. The primary responsibility would be planning, executing, and evaluating an educational program in poultry production and marketing in a multi-county area. General areas of work may include but not be limited to poultry production management, poultry health to include

sanitation and isolation, poultry housing environment, waste management and product quality. Assigned geographic area will be based primarily on poultry concentration and integrator location. These positions are available at this time.

- (C) Extension Agent, Agriculture - County based position with strong emphasis in poultry. The position is located in Iredell County (Statesville) which has one of the highest concentrations of broiler breeders in the country. The deadline for application is November 15, 1987.

4-H Position Apply To:

J. E. Marion  
Department of Poultry Science  
North Carolina State University  
Box 7608  
Raleigh, NC 27695-7608

Area Agent and Agent Position Apply To:

Susan Y. Lyday  
Extension Personnel Development  
Specialist  
Box 7602  
Raleigh, NC 27695-7602

Feed Industry Assn.  
To Coordinate Farm  
Animal Welfare  
Coalition

After five years of serving as the administrative group coordinating the Farm Animal Welfare Coalition (FAWC), the American Farm Bureau Federation has turned over the coordinating duties to the American Feed Industry Assn. FAWC is an ad hoc group of about 30 national agricultural groups concerned with the potential impact of the animal rights movement on the future of animal agriculture and the production of meat, milk and eggs. FAWC meets in Washington to share information on the animal movement, discuss strategy, coordinate efforts and conduct projects as necessary to offset misinformation disseminated by the rights movement. To that end, FAWC, at its September meeting, created a clipping service that will collect and distribute newspaper and magazine material on the animal rights movement and agriculture to FAWC members. If you would care to contribute to this effort, send your clips to Steve Kopperud, Vice President-Legislation, at the American Feed Industry Association, 1701 North Fort Myer Drive, Arlington, Virginia 22209, (703) 524-0810; or to me.

Material  
Available

(1) Biotechnology Textbook. Alltech, Inc. has published a textbook entitled Biotechnology in the Feed Industry. It is a compilation of papers presented at Alltech's three symposia along with a number of additional, specially invited contributions.



According to Alltech, the textbook explains in simple language some of the practical applications of microbial biotechnology in agriculture and, more specifically, the feed industry. It is both an introduction to these applications and an instructional reference for the animal nutritionist, the veterinarian and the student. The book is intended to give the reader a clearer understanding of the many potential implementations of both old and new biotechnology processes in the animal feed industry.

For more information, contact Alltech at 3031 Catnip Hill Pike, Nicholasville, Kentucky 40356. Source: Feedstuffs, October 12, 1987, page 49.

(2) Bug-A-Day Calendar. Just in time for the Holiday season, the calendar is entomologically accurate and features different insects on each month. For more information, contact Don Gilbert Industries, Inc., 5611 Krueger Drive, Jonesboro, Arkansas 72401-9102.

(3) LOTUS 1-2-3 Overpull Template System. As part of a September 1987 Poultry Tribune article, Bruce Andrews of Creighton Brothers made available their egg processing computer program. As part of their quality assurance program, they monitor the percentage of overpulled eggs, by candler. For more information see the PT article, or write Bruce at P.O. Box 1056, Warsaw, Indiana 46580, (219) 858-2514.

(4) "The Fiscal Year 1989 Priorities for Research, Extension and Higher Education, A Report to the Secretary of Agriculture." This report was recently published by the Joint Council on Food and Agricultural Sciences, and discusses the national priorities for the food and agricultural sciences relative to research, Extension and higher education programs. Eight ranked priorities are discussed in detail. Other priorities are also identified for emphasis. Distribution of this report is now being made. Additional copies are available from Dr. Mark R. Bailey, Leader, Joint Council Reports Staff, Room 432-A, Administration Building, U.S. Department of Agriculture, Washington, DC 20250. Telephone (202) 447-3402; Dialcom AGS33309. Source: Current Developments Newsletter, USDA/ES, September 25, 1987.

(5) Price Parity: An Outdated Farm Policy Tool? The answer is "yes" according to Lloyd Teigen in Economic Research Service Ag Information Bulletin Number 531. He says changes in the structure of agriculture and distribution of income among producers make parity prices obsolete indicators of farmer well-being. A copy of the 8-page bulletin may be obtained by contacting Floyd at: USDA/ERS, Room 837, 1301 New York Avenue, N.W., Washington, D.C. 20005, (202) 786-1783.

A more in-depth discussion of this subject is in Ag. Economic Report, No. 571, Agricultural Parity: Historical Review and Alternative Calculation. This report is available from the Government Printing Office, Washington, D.C. 20402, (202) 783-3238, at a price of \$4.00.

(6) Managing DAF sludge has become a significant problem for poultry processors. A promising new sludge dewatering technique, Thermally Enhanced Dewatering (TED), is the subject of a timely new Poultry Engineering Research Review, "Sludge Dewatering for Processors."

Research reviews are available at no cost to Georgia residents and businesses; non-Georgia residents must pay \$2 to cover printing and postage. To receive a copy, contact Stephanie Babbitt, Agricultural Research Program of the Environmental, Health, and Safety Division, Georgia Institute of Technology, GTRI/EDL, Atlanta, Georgia 30332, (404) 894-3412.

(7) The Business of Laying Eggs. This mini-documentary has just been released by the American Farm Bureau Federation. The 15-minute videotape depicts the egg business as it exists in the United States today. Scenes vary from the hatching of the chick to the consumption of a "farm-sized breakfast." Also included are producer interviews, comments from noted poultry researchers, and processing plant activities.

Copies of the documentary are available on both one-half inch VHS or 3/4 inch tape format from the Broadcast Services, American Farm Bureau Federation, 225 Touhy Avenue, Park Ridge, Illinois 60068. The charge is \$15 for the one-half inch VHS tape and \$25 for the 3/4 inch tape. Source: AFBF Newsletter, Highlights of National Egg Situation, October 1, 1987, edited by Hugh Johnson.

(8) North Carolina.

(A) The North Carolina Poultry Industry. Tom Carter is the author of this six page booklet that provides background and current information on the structure of integrated poultry operations. Also included are statistics for the various poultry commodities found in North Carolina and other leading states.

(B) Proper Disposal of Dead Birds. This five page booklet discusses various disposal alternatives and includes schematics of disposal pits. The authors are Mike Wineland and Tom Carter. For copies and further information, contact the authors, as listed in your directory.

(9) AEB Produces Salmonella Workshop Manual: The recent American Egg Board-sponsored salmonella workshop provided excellent advice to the many producers and industry leaders attending. For those unable to be in Washington on September 1, AEB is offering a manual which outlines the topics covered during the program. The manual can be purchased from AEB for \$10.00, plus \$2.00 for shipping, the address is: 1460 Renaissance Drive., Park Ridge Illinois 60068, (312) 296-7043. Source: AEB newsletter.

(10) Poultry Farm Business Summary. Stewart Ackerman and Kris Park have just completed this summary of the New York commercial egg industry. They divide the 26 page booklet into a General Summary of All Farms (Labor, and Management Income); a Poultry Farm Income Statement (Receipts, Expenses, etc.); a Production Analysis (Size of business, Rates of production, Labor efficiency, etc.); a Farm Business Summary; and a Summary of Selected Farm Management Factors. For a copy, or more information, contact Stewart or Kris, as listed in your directory.

(11) Farm Animal Welfare. A quick Bibliography on Farm Animal Welfare has been prepared by Charles Bebee at the NAL. This publication has 257 citations, and includes material from 1979 through March 1987 which was found in the Agricola database. For more information contact Charles at: Special Services Branch, NAL, 10301 Baltimore Blvd., Beltsville, Maryland 20705, (301) 344-1214.

#### Federal Register

(1) Import Permits. In a final rule, effective November 5, 1987, the Animal and Plant Health Inspection Service (APHIS) has amended the regulations to provide that importers can obtain and use a single import permit for more than one shipment of birds, poultry, or pigeons transiting the port of Anchorage, Alaska. Conditions for this program include: the permit is valid only during the calendar year in which it is issued; and, they prohibit the off-loading of poultry at Anchorage. The purpose of this change was to reduce paper work and related expenditures. For further information, contact: Mr. Wade Richie, Import-Export Operations Staff, VS/APHIS/USDA, Room 766, Federal Building, 6505 Belcrest Road, Hyattsville, Maryland 20782, (301) 436-8172. Source: Federal Register, Vol. 52, No. 193, Tuesday, October 6, 1987, pages 37281-37282.

(2) Vaccinating birds in Quarantine. In a proposed rule, the Animal and Plant Health Inspection Service (APHIS) plans to permit birds in privately operated commercial bird quarantine facilities to be vaccinated against certain diseases, using appropriate products and procedures. Only licensed veterinarians under the



direct supervision of a veterinarian employed by Veterinary Services will be allowed to vaccinate the birds. Current evidence suggests that this vaccination will increase the survival rate of imported birds without interfering with procedures used to isolate Newcastle Disease, Avian Influenza, and other hemagglutinating diseases of poultry. Consideration will be given only to comments received on or before November 17, 1987. Send written comments to Steven B. Farbman, Assistant Director, Regulatory Coordination, APHIS, USDA, Room 728 Federal Building, 6505 Belcrest Road, Hyattsville, Maryland 20782. Refer to Docket Number 86-089. For further information, contact: Harvey A. Kryder, Jr. Senior Staff Veterinarian, Import-Export and Emergency Planning Staff, VS, APHIS, USDA, Room 809, Federal Building, 6505 Belcrest Road, Hyattsville, Maryland 20782, (301) 436-8695.

(3) Novobiocin. The Food and Drug Administration (FDA) is amending the animal drug regulations to reflect approval of a supplemental new animal drug application (NADA) filed by the Upjohn Co. The NADA provides for the manufacture of a Type B medicated feed containing 17.5 grams novobiocin per pound for making Type C medicated feeds for the treatment or control of certain infections (e.g. Staphylococcus spp., Pasteurella spp.) in chickens, turkeys, ducks, and mink. The effective date is: September 29, 1987. For further information contact: Adriano R. Gabuten, Center for Veterinary Medicine (HFV-135), Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857, (301) 443-4913.

(4) Delmarva Poultry Nutrition Short Course. The Delaware Cooperative Extension System, and the Delmarva Poultry Industry, Inc. have announced this workshop will be held at the Atlantic Budget Inn and Conference Center in Delmar, Maryland on November 19, 1987. The three topic areas are: Mycotoxin Symposium/Problems Associated with Fusarium moniliforme; Body Composition and Growth; and, Development of Growth Promotants for Poultry. The keynote address will be "Biotechnology and the Future of Agriculture." For more information, contact George Chaloupka, Route # 2, Box 48, Georgetown, Delaware 19947, (302) 856-7303.

(5) SIS Facility and Equipment Requirements. The Food Safety and Inspection Service (FSIS) is amending the federal poultry products inspection regulations by establishing broiler and cornish game hen facility and equipment requirements for plants operating under the Streamlined Inspection System (SIS). Requirements of the final rule include: installation of an adjustable platform at the inspectors station; selectors (kickouts); adequate lighting, handwashing, and condemned carcass/parts handling equipment. The effective date is December 21, 1987.

For further information, contact: Dr. Douglas L. Berndt, Director, Slaughter Inspection Standards and Procedures Division, Meat and Poultry Inspection Technical Services, Food Safety and Inspection Service, U.S. Department of Agriculture, Washington, DC 20250; (202) 447-3219.

#### National Broiler Council

NBC Adds FAX System. NBC now has a FAX machine. The new FAX number is 202/293-4005. Please make note of this important number so that you may contact NBC quickly and conveniently 24 hours a day. Source: NBC Newsletter, September 18, 1987.

#### Meetings

(1) Egg Packaging, Processing and Marketing. This University of California Cooperative Extension seminar will be held on December 2, 1987 at the Clarion Hotel in Ontario, California. The hotel is located near the Ontario airport. Topics to be covered include: Regulations Through the Eyes of USDA Inspectors; Oiling Eggs-Does Industry Benefit?; Monitoring Quality...of Shell Eggs; Improved Shelf Life of Hard Cooked Eggs...; An Economic Analysis Comparison...of Egg Regions; The Impact of Quality Service and Product Quality on Protecting your Market Share; and...How to Expand Sales... For more information, contact Gideon Zidler, as listed in your directory.

(2) Expert Systems in Agriculture. The purpose of this workshop is to review the latest methodologies and technologies for developing expert systems using concepts from artificial intelligence to the benefit of agriculture. You will hear from outstanding authorities who are developing knowledge based decision support systems. Presentations will be published in a book entitled, "Knowledge Engineering in Agriculture." Participants will receive a free copy of the proceedings at the workshop and a copy of the book when it is published. One feature, running February 9, 3 to 9 p.m. and February 10, 11:30 to 7 p.m., is EPKET, Experimental Prototype Knowledge Engineering Technology, a "hands-on" exhibit sponsored by software and hardware companies and the American Society of Agricultural Engineers.

The audience will be agricultural specialists from education and agri-business. Research and development scientists, Extension specialists, software developers and system vendors will find this workshop worthwhile. Research and Extension administrators and managers from industry will find this a valuable program for obtaining factual knowledge in this new and fast-moving technology as it applies to agriculture. On February 10 and 11, in the same hotel, the International Conference on the Use of Computers in Agricultural Extension is scheduled. Registration is separate for the Workshop and Conference. For additional information contact



Robert M. Peart, Agricultural Engineering Department, University of Florida, Gainesville, Florida 32611, (904) 392-1864; or John R. Barrett, USDA-ARS, Agricultural Engineering Department, Purdue University, West Lafayette, Indiana 47907, (317) 494-1188.

(3) Western Poultry Disease Conference. The 37th Conference will be held February 29, March 1 and 2, 1988 at the University of California, Davis Campus. All veterinarians, researchers, previous participants and other professionals interested in avian diseases and management are invited to attend and submit papers for presentation. Students are also invited. Speakers and participants will come from around the United States, Canada, Mexico, and other countries. Papers will be presented in English and there will be simultaneous English to Spanish translation.

The conference will include: several guest lectures, which will be presented on selected topics of current interest; ten minute presentations of scientific data followed by a five minute discussion period after each presentation; papers on case reports/current problems; current problems, innovative procedures, or significant observations that you have been involved with relative to avian diseases; and papers on cage and companion birds. Each group of related topics will be followed by a discussion period. This year's WPDC will feature a special workshop Sunday afternoon prior to the general meeting. The topic will be a review of terminology and techniques in molecular biology as it relates to veterinary medicine. For more information, contact: Dr. Barry J. Kelly, Nicholas Turkey Breeding Farms, P.O. Box Y, Sonoma, California 95476, (707) 938-1111 or, Dr. Arnold S. Rosenwald, Veterinary Extension, University of California, Davis, California 95616, (916) 752-7258.

(5) Biotechnology in Extension Programming. Michigan State University will host this conference on May 12-14, 1988 at the Radisson Hotel Conference Center in Lansing, Michigan. The conference objectives are: to increase awareness of Extension personnel in regards to emerging technologies, specifically Biotechnology; to increase understanding of issues surrounding Biotechnology; to explore and clarify the impacts Biotechnology will have upon Extension program planning and development; and to generate mechanisms for incorporating Biotechnology into Extension's education "stream" (subject matter, delivery, etc.) One day will be devoted to each of the following areas: Biotechnology: Setting the Parameters; Biotechnology in Society; and Biotechnology in Extension: Your Ideas.

For further information contact: Julie Hales, Conference Coordinator, Agriculture and Marketing Programs, or Frank Brewer, Chairman Agriculture, and Marketing Programs, Michigan State

University, Cooperative Extension Service, Room 11 - Agriculture, Hall, East Lansing, MI 48824, (517) 355-0117.

(6) Grain Forecast and Economic Outlook Seminar. The Southeastern Poultry and Egg Association is sponsoring this seminar on November 12, 1987, with registration beginning on November 11, from 5-7 p.m. The location is the Ramada Renaissance Airport Hotel in Atlanta, Georgia. The program will include: the U.S. and world economy...impact on the poultry industry; feed grains...supply and demand; protein ingredients...supply and demand; outlook on rendered by-products; competing meats update; chartest vs. fundamentalist; railroads...future outlook, negotiations; and an open forum...where your questions will be answered. For more information, or to register, contact the Southeastern Poultry and Egg Association, 1456 Church Street, Decatur, Georgia 30030, (404) 377-6465.

(7) Practical Poultry Biosecurity. This second annual regional meeting will be held on December 7, 1987, and is intended for large and small producers, live market and auction managers, dealers, truckers, and others interested in biosecurity programs for poultry. The program is part of the educational program of the Mid-Atlantic Cooperative Extension Poultry Health and Management Unit (MACE). MACE is a cooperative effort of poultry Extension veterinarians and specialists from Delaware, Maryland, New Jersey, New York, Pennsylvania, Virginia, and the USDA/ES.

The program will include: History and Background of A-CEE's AI Clean-up Efforts; Cleaning and Disinfecting of a Trucking Operation; Future Biosecurity Needs of the New York Live Market System; Growing Poultry for the Live Market; The Maryland Cage Bird Improvement Plan; Overview of Salmonella enteritidis Outbreaks in New York State; Nuts and Bolts of Disinfection; Pennsylvania AI Surveillance; and Avian Influenza-The Current Situation and USDA Policy.

For further information and to pre-register, contact: Dan Palmer, Poultry Extension Specialist, College of Agriculture Sciences, Research and Education Center, Route #2, Box 48, Georgetown, Delaware 19947, (302) 856-7303.

#### Enclosures

(1) Salmonella and Poultry. The enclosed July, 1987 Pathfinder is a one-page resource list, prepared by Carole Shore and Janet Meyers at the National Agricultural Library (NAL), in which is listed articles on Salmonella and sources of information. For



more copies or information contact Carole at the Food Irradiation Information Center, NAL, Room 304, 10301 Baltimore Blvd., Beltsville, Maryland 20705, (301) 344-4368.

(2) Update on the Center for Appropriate Technology Transfer for Rural Areas (ATTRA). A summary of ATTRA cases, from July 15-September 9, 1987, sorted by state, has been enclosed for department chairpersons or project leaders. A few requests for poultry information are included in the listing. For more information or a copy, contact me.



RICHARD D. REYNNELLS  
National Program Leader  
Poultry Science  
(202) 447-4087

Enclosures

